

Abstract

[0032] A tactile overlay for a touchscreen includes one or more button structures, a flexible resilient membrane, and one or more nibs corresponding to the one or more button structures. The overlay is disposed over and in propinquity with the touchscreen display, with button and corresponding nib structure(s) of the overlay corresponding to virtual buttons that are displayed by the touchscreen display. The button structure(s) and corresponding nibs are positioned on the overlay so that a user can press a button structure, which causes the corresponding nib to touch a desired virtual button being displayed by the touchscreen display. The flexible resilient layer causes the nib to return to original position, breaking contact with the touchscreen display.